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PATENT APPLICATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hans KLINGEMANN)

Serial No.: 10/008,955)

Filed: December 7, 2001)

Title: NATURAL KILLER CELL LINES
AND METHODS OF USE)

Group Art
Unit:)

Examiner:)

CERTIFICATE OF MAILING

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Registration No. 30,562
Attorney for Applicant

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, Applicant, his undersigned
attorney and assignee submit the following information in connection with the
above-identified application.

The following United States Patents are listed in chronological order:

UNITED STATES PATENT DOCUMENTS

<u>Patent No.</u>	<u>Inventors</u>	<u>Issue Date</u>
5,272,082	Santoli et al.	December 21, 1993
5,772,995	Fakhrai et al.	June 30, 1998
5,981,705	Kornbluth	November 9, 1999

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Country</u>	<u>Effective Date</u>
WO 94/262841	PCT	November 24, 1994

OTHER REFERENCES

Gong Jiang-Hong, et al., "Characterization of a Human Cell Line (NK-92) with Phenotypical and Functional Characteristics of Activated Natural Killer Cells", LEUKEMIA, Vol. 8, No. 4 (April), 1994: pp. 652-658.

Klingemann, Hans-Georg, et al., "A cytotoxic ND-cell line (NK-92) for ex vivo purging of leukemia from blood", Biology of Blood and Marrow Transplantation, 2:68-75 (1996).

Wong, E., et al., "Comparison of natural killer activity of human bone marrow and blood cells in cultures containing IL-2, IL-7 and IL-12, Bone Marrow Transplantation, (1996) 18, pp. 63-71.

Long, G. S., et al., "Lymphokine-Activated Killer Cell Purging of Leukemia Cells from Bone Marrow Prior to Syngeneic Transplantation", Transplantation, Vol. 46, 433-438, No. 3, September 1988.

Gambarcorti-Passerini, C., et al., "Selective purging by human interleukin-2 activated lymphocytes of bone marrows contaminated with a lymphoma line or autologous leukaemic cells", British Journal of Haematology, 1991, 78, pp. 197-205.

Robertson, M. J., et al., "Biology and Clinical Relevance of Human Natural Killer Cells", Blood, Vol. 76, No. 12, (December 15), 1990: pp. 2421-2438.

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Alderson, M. R., "Interleukin 7 Enhances Cytolytic T Lymphocyte Generation and Induces Lymphokine-activated Killer Cells from Human Peripheral Blood", J. Exp. Med., Vol. 172, August 1990, pp. 577-787.

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Phillips, J. H., et al., "Dissection of the Lymphokine-Activated Killer Phenomenon", J. Exp. Med., Vol. 164, September 1986, pp. 814-825.

Rosenberg, S. A., et al., "Special Report - Observation on the Systemic Administration of Autologous Lymphokine-Activated Killer Cells and Recombinant Interleukin-2 to Patients with Metastatic Cancer", The New England Journal of Medicine, Vol. 313, No. 23, Dec. 5, 1985, pp. 1485-1492.

Yodoi, J., et al., "TCGF (IL 2)-Receptor Inducing Factor(s)", Journal of Immunology, Vol. 134, No. 3, March 1985, pp. 1623-1630.

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Submitted herewith is Form PTO-1449 listing the above-identified references. Copies of the listed patents and publications are not provided herewith pursuant to 37 C.F.R. §1.98(d) since they were previously cited by or submitted to the Patent and Trademark Office during the prosecution of the above-identified co-pending applications.

Appln No. 10/008,955
Filed December 7, 2001

**PATENT
APPLICATION**

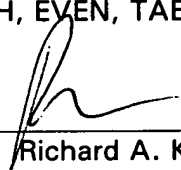
Pursuant to 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b).

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

Dated: February 12, 2002

By



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FEB 27 2002
PATENT & TRADEMARK OFFICE

Form PTO-1449

Application Number
10/008,955

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant
Hans KLINGEMANN

Filing Date
December 7, 2001

Group Art Unit

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

CLASS	SUB CLASS	Translation	
		Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- | | |
|---|---|
| ✓ | Gong Jiang-Hong, et al., "Characterization of a Human Cell Line (NK-92) with Phenotypical and Functional Characteristics of Activated Natural Killer Cells", <i>LEUKEMIA</i> , Vol. 8, No. 4 (April), 1994: pp. 652-658 |
| ✓ | Klingemann, Hans-Georg, et al., "A cytotoxic ND-cell line (NK-92) for ex vivo purging of leukemia from blood", <i>Biology of Blood and Marrow Transplantation</i> , 2:68-75 (1996) |
| ✓ | Wong, E., et al., "Comparison of natural killer activity of human bone marrow and blood cells in cultures containing IL-2, IL-7 and IL-12, <i>Bone Marrow Transplantation</i> , (1996) 18, pp. 63-71 |
| ✓ | Long, G. S., et al., "Lymphokine-Activated Killer Cell Purging of Leukemia Cells from Bone Marrow Prior to Syngeneic Transplantation", <i>Transplantation</i> , Vol. 46, 433-438, No. 3, September 1988 |
| ✓ | Gambarcorti-Passerini, C., et al., "Selective purging by human interleukin-2 activated lymphocytes of bone marrows contaminated with a lymphoma line or autologous leukaemic cells", <i>British Journal of Haematology</i> , 1991, 78, pp. 197-205. |

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